

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,861,616 B1
DATED : March 1, 2005
INVENTOR(S) : Michael Kuhl

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [22], PCT Filed, change "Sep. 30, 1999" to -- Sep. 30, 1998 --.

Column 1,

Line 9, change "produced by al laser processing device." to -- produced by a laser processing device. --.

Line 23, change "is generally not spherical," to -- is generally not spherical, --.

Line 24, change "So-called F θ lenses are corrected" to -- So-called F θ -lenses are corrected --.

Line 30, change "range of about 100 sum." to -- range of about 100 μ m. --.

Column 2,

Line 40, change "noted here that the applicant has" to -- noted here that applicants have --.

Column 3,

Line 17, change "layers by S_{i+}." to -- layers by S_{i+1}. --.

Line 26, change "to be processed. i.e. the bottom of" to -- to be processed, i.e. the bottom of --.

Line 28, change "lines I01a indicate" to -- lines 101a indicate --.

Line 33, change "of the next layer S_{i+I}." to -- of the next layer S_{i+1}. --,

Line 58, change "are provided, for example for laser" to -- are provided (for example for laser --.

Line 59, change "68 denoted functions corresponding to" to -- 68 denotes functions corresponding to --.

Column 5,

Line 23, change "The boundary x_g for the removal" to -- The boundary x_g for the removal --.

Lines 25-26, change "a dz will lead to a dx_g." to -- a d_z will lead to a dx_g. --.

Line 28, change "layer x_g (and correspondingly y_g) can" to -- layer x_g (and correspondingly y_g) can --.

Line 36, change "change of x_g and y_g." to -- change of x_g and y_g --.

Line 39, change "horizontal boundaries x_g, y_g" to -- horizontal boundaries x_g, y_g --.

Line 46, change "From said data the boundaries x_g, y_g" to -- From said data the boundaries x_g, y_g --.

Line 52, change "removal boundaries x_g, y_g." to --removal boundaries x_g, y_g. --.

Column 6,

Line 20, change "103 denotes a plateau under consideration" to -- 103 denotes a plateau. Under consideration --.

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Column 6 (cont'd),

Line 22, change "may be determined, if, on the other hand," to -- may be determined.
If, on the other hand, --.

Line 31, please add the following text "The offset corresponds to $\Delta x = v_x \cdot t_R$ and is therefore absolutely included in the range of the observed accuracies (e.g. $v_x = 01 \text{ m/s}$, $t_R = 0,5 \text{ ms}$, $\Delta x = 50 \mu\text{m}$). To compensate such disadvantageous effects it may be desirable to store measured values for the depth z and to take them into consideration later. This may lead to control overlapping or underlying the automatic control depending on the stored depth data."

Line 43, change "FIG. 7 the density of the density of the measuring points" to --FIG. 7 the density of the measuring points --.

Line 48, change "levelling out said irregularL ity" to -- leveling out said irregularity --.

Line 50, change "Owing to the a priori" to -- Owing to the a priori --.

Line 53, change "in the case of plateaux, towards" to -- in the case of plateaus, towards --.

Column 7,

Line 20, change "of the applicant." to -- of the applicants --.

Line 43, change "(Dz) of a removed layer (S_i)" to -- (Δz) of a removed layer (S_i) --.

Line 45, change "the boundaries (x_g , Y_g) in" to -- the boundaries (x_g , y_g) in --.

Line 47, change "thickness (Dz)." to --thickness (Δz).--

Column 8,

Lines 47-48, change "characterized in accordance" to -- characterized in that a correction is made in accordance --.

Signed and Sealed this

Twelfth Day of July, 2005



JON W. DUDAS
Director of the United States Patent and Trademark Office